**Stat and Data Analysis 2.2 Practice A NAME:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

For #1 & 2 find:

1. Summary stats listed below b. Test for Outliers
2. Draw Boxplot & histogram d. Describe the distribution

**1) Heights (from class data)**

(a) min = Q1 = med = Q3 = max =

(b)

(c)

(d)

**2) Number of Writing Utensils (from class data)**

(a) min = Q1 = med = Q3 = max =

(b)

(c)

(d)

**3) A quality control inspector for Lays is checks the number of chips in Baked Lays single serving bag to make sure that the machines are properly filling the bags. He checks 40 bags in a day and reports the following summary statistics.**

min = 20 Q1 = 24 med = 27 Q3 = 32 max = 47

1. Draw the boxplot for the data.



1. Were there any outliers? How many?
2. How many bags of chips were filled with 32 or more?
3. How many bags had between 24 and 32 chips?
4. The machine is set to fill the bags with 24 chips. What percent are underfilled?